

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA HCS 29 CFR 1910.1200 ND OSHA 174

PRODUCT NAME: FUL-VUE WINDSHIELD WASHER ANTI FREEZE

SECTION 1 MANUFACTURER

**PATTERSON LABORATORIES, INC
11930 PLEASANT AVENUE
DETROIT, MICHIGAN 48217**

TELEPHONE NUMBER FOR GENERAL INFORMATION: 1-313-843-4500
EMERGENCY TELEPHONE NUMBER: 1-800-434-9300

SECTION 2 HAZARDOUS COMPONENTS OF MIXTURES

METHANOL 40.8
WATER 59.1
WETTING AGENT-SURFACTANTS .1

HMIS RATING
HEALTH: 2
FIRE: 3
REACTIVITY: 3
SPECIFIC: POI

	% WT/VOL	ACGIH TWA (UNITS)	ACGIH STEL (UNITS)	OSHA TWA (UNITS)
METHYL ALCOHOL (METHANOL)	ca 100	200 ppm*	250 ppm*	200 ppm

***(SKIN) NOTATION INDICATES THAT ABSORPTION THROUGH THE SKIN CAN CONTRIBUTE SIGNIFICANTLY TO OVERALL EXPOSURE.**

SECTION 3 PHYSICAL DATA

APPEARANCE AND ODOR: Blue liquid with a faint Alcohol odor
BOILING POINT: 176.12 DEGREES **MELTING POINT: N/A**
VAPOR PRESSURE: 42 **VAPOR DENSITY: LESS THAN 1**
SOLUBILITY IN WATER: COMPLETE **EVAPORATION RATE: 1 OR LESS THAN 1**
SPECIFIC GRAVITY(H2O=1): .947

SECTION 4 FIRE & EXPLOSION HAZARD DATA

FLASH POINT: CLOSED CUP 89.5 DEGREES **FLAMMABLE LIMITS: NONE**
FIRE EXTINGUISHING MEDIA: Water spray, alcohol type foam, carbon dioxide or dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE & EXPLOSIVE HAZARDS: Methanol burns with an an invisible flame in daylight. Exposure to heat builds up pressure to closed drums. Avoid sparks.

SECTION 5 REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Reacts with strong oxidents.
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gases and vapors may be released in a methanol fire.
HAZARDOUS POLYMERIZATION: Will Not Occur
CONDITIONS TO AVOID: Heat and strong oxidizing agents.

FOL-VUE WINDSHIELD WASHER ANTI FREEZE....continued

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY: SKIN - Yes INHALATION - Yes INGESTION - Yes
HEALTH HAZARDS: May be fatal or cause blindness if swallowed. Cannot be made nonpoisonous. Harmful if inhaled. May irritate eyes. Repeated contact may irritate skin.
CARCINOGENICITY: None.
SIGNS AND SYMPTOMS OF EXPOSURE: Dizziness, visual impairment, nausea, respiratory failure and muscular incoordination.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Dermatitis, erythema and scaling.
EMERGENCY FIRST AID PROCEDURES: If inhaled move to fresh air, give artificial respiration. In case of contact, wash skin and eyes thoroughly with water. Remove contaminated clothing. If swallowed induce vomiting. Call physician.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: remove sources of ignition. Avoid breathing of vapors. Ventilate area. Flush area with water spray.
WASTE DISPOSAL METHOD: Incinerate in a suitable chemical incinerator.
PRECAUTIONS IN HANDLING AND STORING: Storage vessels should be grounded. Use spark-proof tools. Keep away from sources of ignition.
OTHER PRECAUTIONS: Use with adequate ventilation. Avoid prolonged or repeated contact with skin.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Self contained breathing apparatus.
VENTILATION: LOCAL - Preferable SPECIAL - Spark proof fans
MECHANICAL: - Acceptable
PROTECTIVE GLOVES: Rubber gloves
EYE PROTECTION: Chemical Splash proof goggles.
OTHER PROTECTIVE EQUIPMENT: Safety shower and eye wash fountain. rubber boots and apron.
MAINTENANCE PRACTICES: Avoid prolonged repeated breathing of vapor. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

The information and data contained herein is believed to be correct. However, Patterson Laboratories Inc does not warrant either expressly or by implication of the accuracy thereof.